

Converting Colors

XYZ(42.9261, 37.1402, 55.4851)

Have a look what the booklet for
XYZ(42.9261, 37.1402, 55.4851)
contains.

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Color

**XYZ(43.0377, 37.2651,
55.3766)**

Conversions

Conversions Part 1

Format	Color
Hex	C396C1
RGB	195, 150, 193
RGB Percent	76%, 59%, 76%
CMY	0.2353, 0.4117, 0.2431
CMYK	0.00, 0.23, 0.01, 0.24
HSL	303°, 27%, 68%
HSV	303°, 23%, 76%
XYZ	43.0377, 37.2651, 55.3766
YIQ	168.3570, 13.0170, 22.9130

Conversions

Conversions Part 2

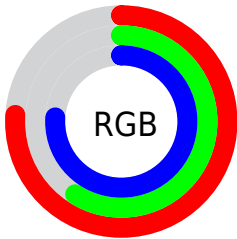
Format	Color
R_{YB}	195, 150, 193
Decimal	12818113
CIE _{Lab}	67.48, 24.14, -15.72
CIE _{LCh}	67, 28.808, 326.928
Yxy	37.2651, 0.3172, 0.2747
Android (android.graphics.Color)	4291008193 (0xFFC396C1)
YUV	168.3570, 12.1490, 23.3659
Hunter-Lab	61.0451, 19.0160, -11.0528

Details

The XYZ color **43.0377, 37.2651, 55.3766** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.7618, 47.7824, 36.9406**, and the grayscale version is **37.3335, 39.2778, 42.7735**.

A 20% lighter version of the original color is **78.9931, 70.7833, 99.9416**, and **20.1065, 16.4505, 26.5416** is the 20% darker color. If you saturate the color by 10%, you get **40.0852, 31.5138, 53.9171**, and if you desaturate by 10%, it is **46.5108, 44.0555, 57.0133**.

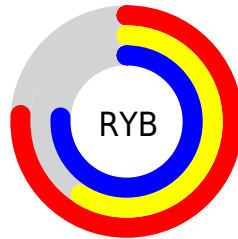
Distribution



Red (76%)

Green (59%)

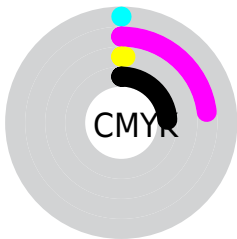
Blue (76%)



Red (76%)

Yellow (59%)

Blue (76%)

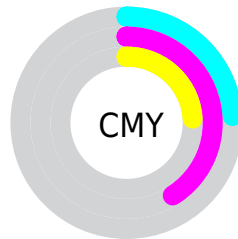


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (41%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0377, 37.2651, 55.3766 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.0377, 37.2651, 55.3766 by changing the saturation by 10% instead.

 43.0377, 37.2651,
55.3766


 43.0377, 37.2651,
55.3766

349.6857,
334.4568, 424.6600

 30.1093, 25.4128,
39.3027


 79.0231, 70.9803,
99.5692

 20.0701, 16.3849,
26.6856


 102.8109, 93.6120,
128.5249

 12.5546, 9.7969,
17.1069

130.9491,
120.6057, 162.6117

 7.1974, 5.2645,
10.1480

163.8033,
152.3457, 202.2481

 3.6333, 2.4033,
5.3903

201.7387,
189.2164, 247.8526

 1.4968, 0.8276,
2.4153

245.1206,

 0.3237, 0.0000,

231.6022, 299.8437

0.7948

294.3145,
279.8876, 358.6400

■ 0.0000, 0.0000,
0.0000

■ 43.0377, 37.2651,
55.3766

■ 43.0377, 37.2651,
55.3766

■ 40.0852, 31.5138,
53.9171

■ 46.5108, 44.0555,
57.0133

■ 37.6243, 26.7455,
52.6238

■ 50.5250, 51.9277,
58.8328

■ 35.6284, 22.9062,
51.4883

■ 55.1037, 60.9281,
60.8432

■ 34.0670, 19.9349,
50.5004

■ 60.2681, 71.0988,
63.0516

■ 32.9057, 17.7631,
49.6487

■ 66.0381, 82.4799,
65.4648

■ 32.1055, 16.3124,
48.9200

■ 68.4824, 87.2088,
66.7722

■ 31.6189, 15.4881,
48.2988

■ 68.5829, 87.2490,
67.3011

■ 31.4043, 15.1616,
47.9109

■ 68.6839, 87.2894,
67.8331

■ 68.7855, 87.3301,
68.3681

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.4136, 37.2651, 66.4065



43.0377, 37.2651, 55.3766



44.6121, 37.2651, 41.8952

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.0377, 37.2651, 55.3766



35.8773, 37.2651, 20.7841



28.3627, 37.2651, 52.6401

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.0377, 37.2651, 55.3766



37.7618, 47.7824, 36.9406

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.5850, 37.2651, 39.2835



43.0377, 37.2651, 55.3766



31.7045, 37.2651, 22.4980

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.0377, 37.2651, 55.3766



40.2678, 37.2651, 23.3909



28.7577, 37.2651, 28.6788



30.9767, 37.2651, 64.6094

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.0377, 37.2651, 55.3766



44.1978, 37.2651, 33.8864



28.7577, 37.2651, 28.6788



27.8878, 37.2651, 48.0913

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.0388, 37.2667, 55.3774



87.4705, 87.0765, 104.0141



33.6139, 32.3820, 56.1093



19.0572, 18.8766, 22.7337



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.0388, 37.2667, 55.3774



74.1346, 60.9976, 97.7406



40.7641, 36.3568, 43.3987



10.4773, 10.2395, 12.6041



20.4193, 9.8575, 31.1838



0.8883, 0.4283, 1.3794

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.0388, 37.2667, 55.3774



74.1346, 60.9976, 97.7406



39.7342, 48.5714, 47.3269



10.4773, 10.2395, 12.6041



20.4193, 9.8575, 31.1838



0.8883, 0.4283, 1.3794

Previews

White Background



This preview shows how the XYZ color 43.0377, 37.2651, 55.3766 looks on a white background.

Color Contrast Check

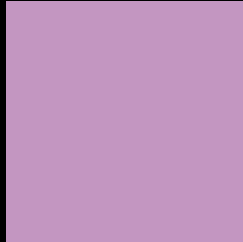
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.0377, 37.2651, 55.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

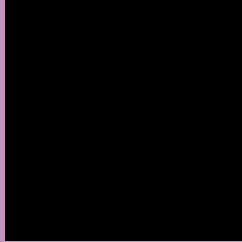
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0377, 37.2651, 55.3766

Background



This preview shows how black text looks on a background with the XYZ color 43.0377, 37.2651, 55.3766.



This preview shows how white text looks on a background with the XYZ color 43.0377, 37.2651,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.0377, 37.2651, 55.3766

Protanopia

37.4682, 37.5266, 61.1457

Deuteranopia

38.2973, 37.5762, 54.5247



Tritanopia

40.1823, 37.3091, 41.6428

Trichromacy



Original Color

43.0377, 37.2651, 55.3766

Protanomaly

39.1132, 37.1233, 59.1369

Deuteranomaly

39.9315, 37.3847, 54.9805

Tritanomaly

40.9659, 37.1235, 46.0807

Monochromacy



Original Color

43.0377, 37.2651, 55.3766

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.0408, 38.1290, 46.8969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0377, 37.2651, 55.3766 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 150, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 150, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.0377, 37.2651, 55.3766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 150, 193) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 150, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(195, 150, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0377, 37.2651, 55.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195,  
150, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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